

2/19  
FIG. 2

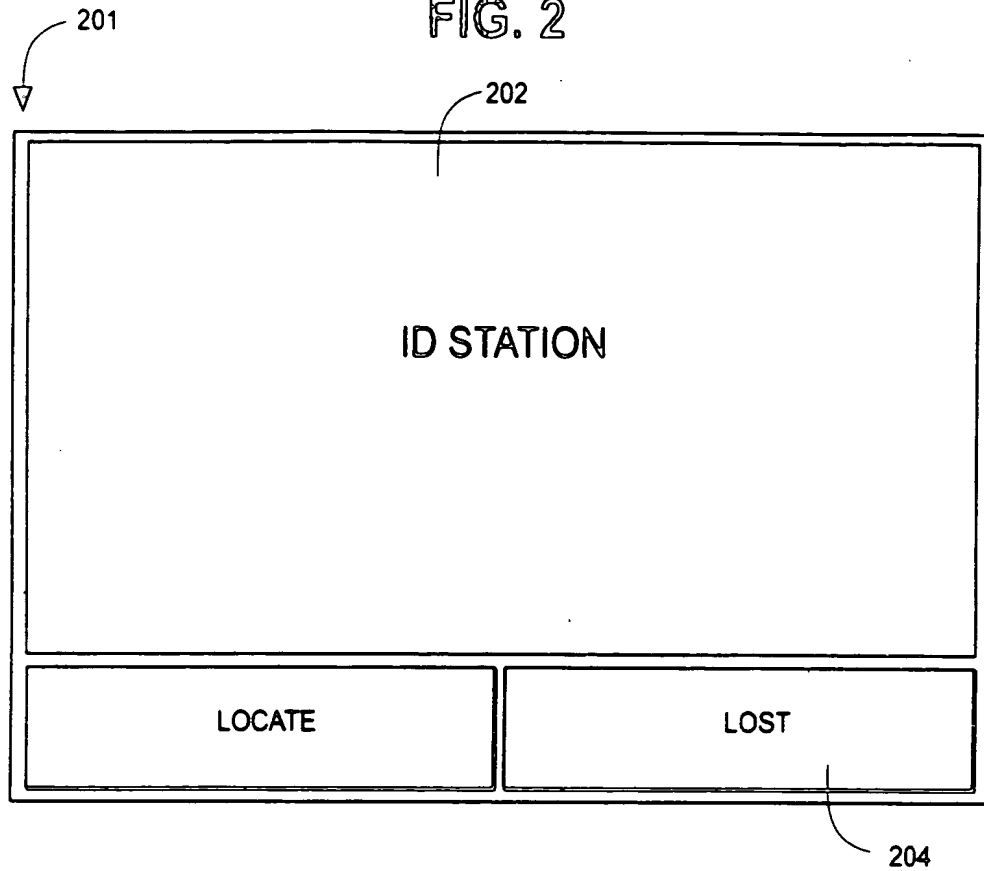
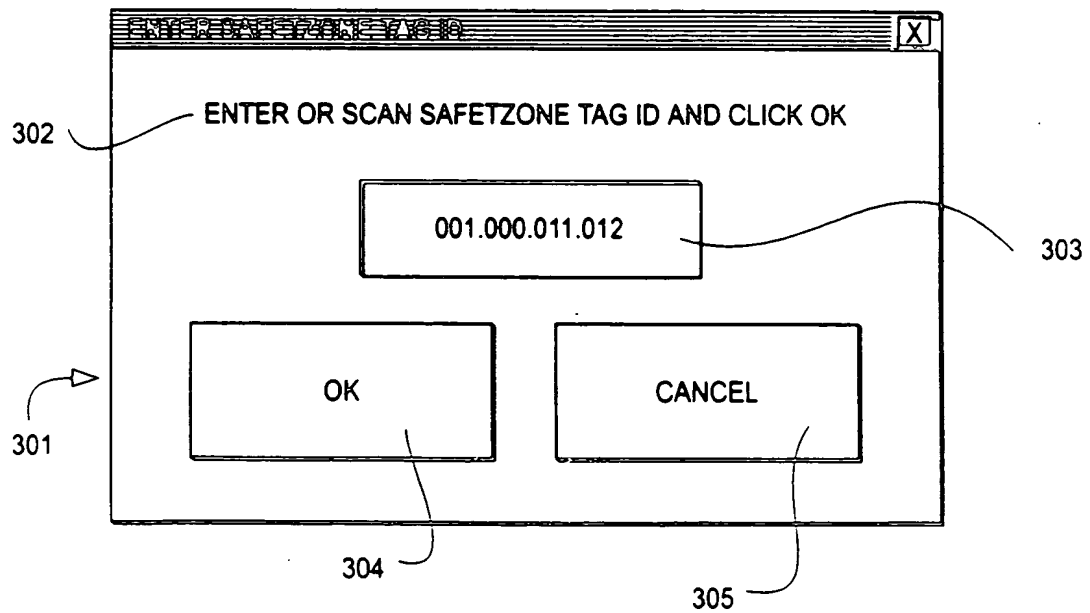
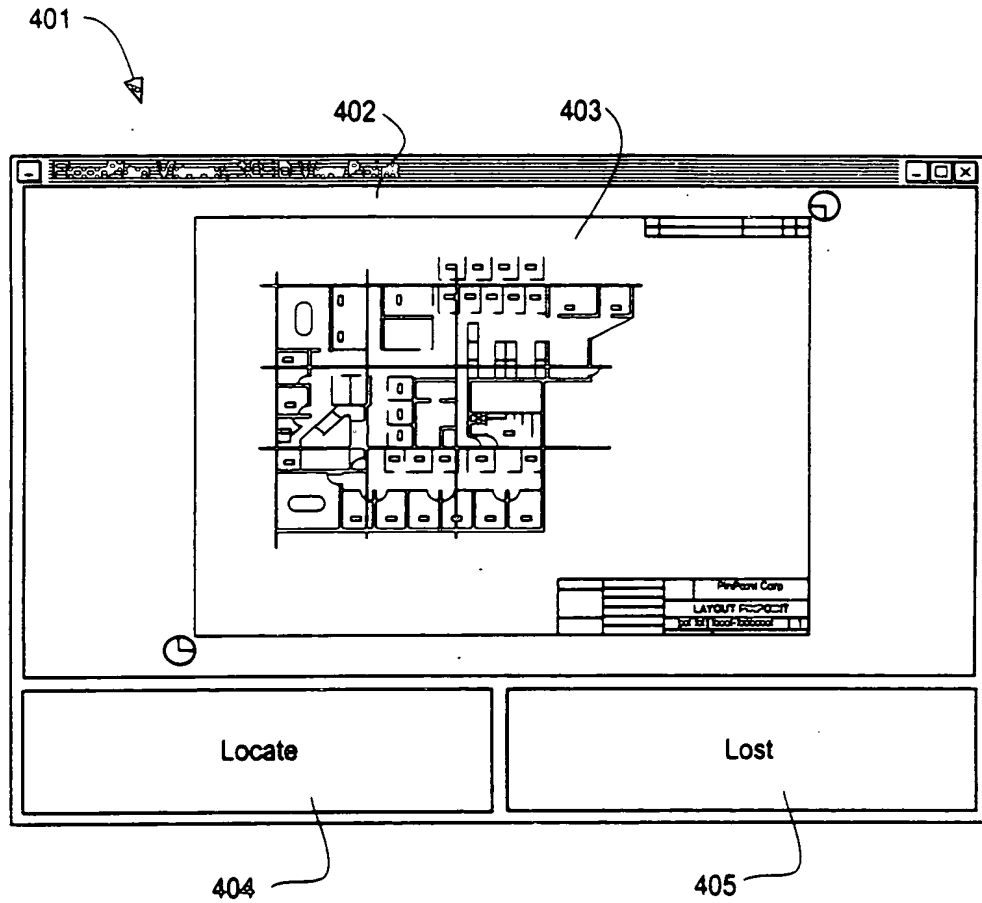


FIG. 3



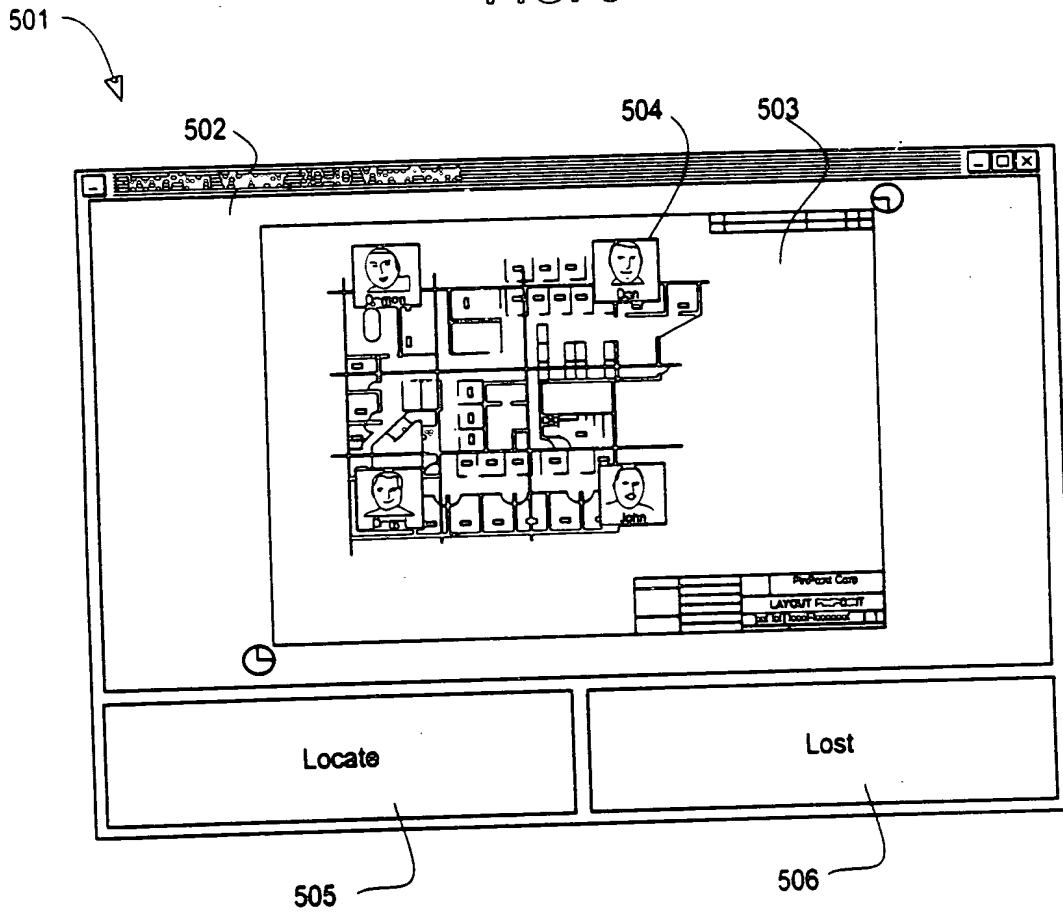
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FIG. 4



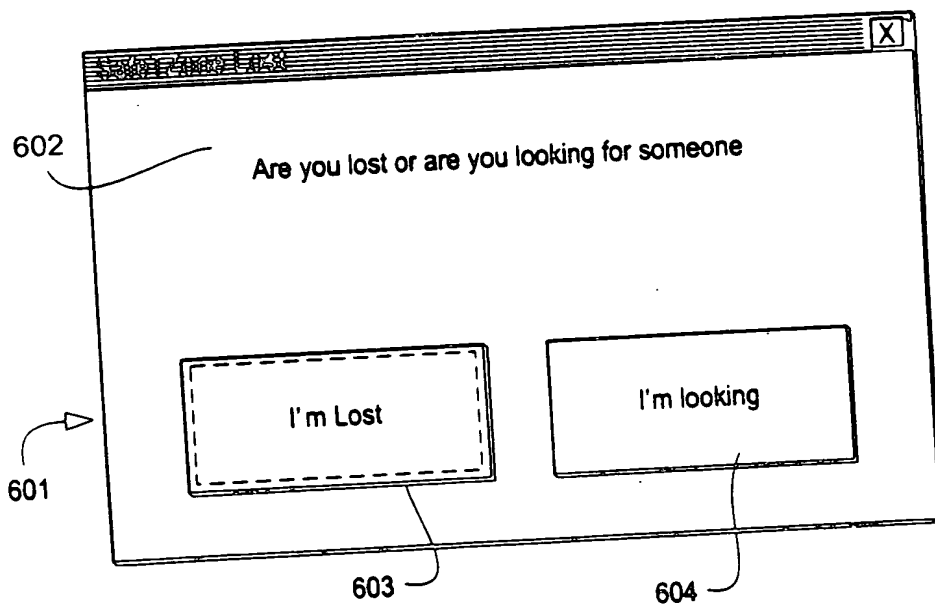
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FIG. 5



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FIG. 6



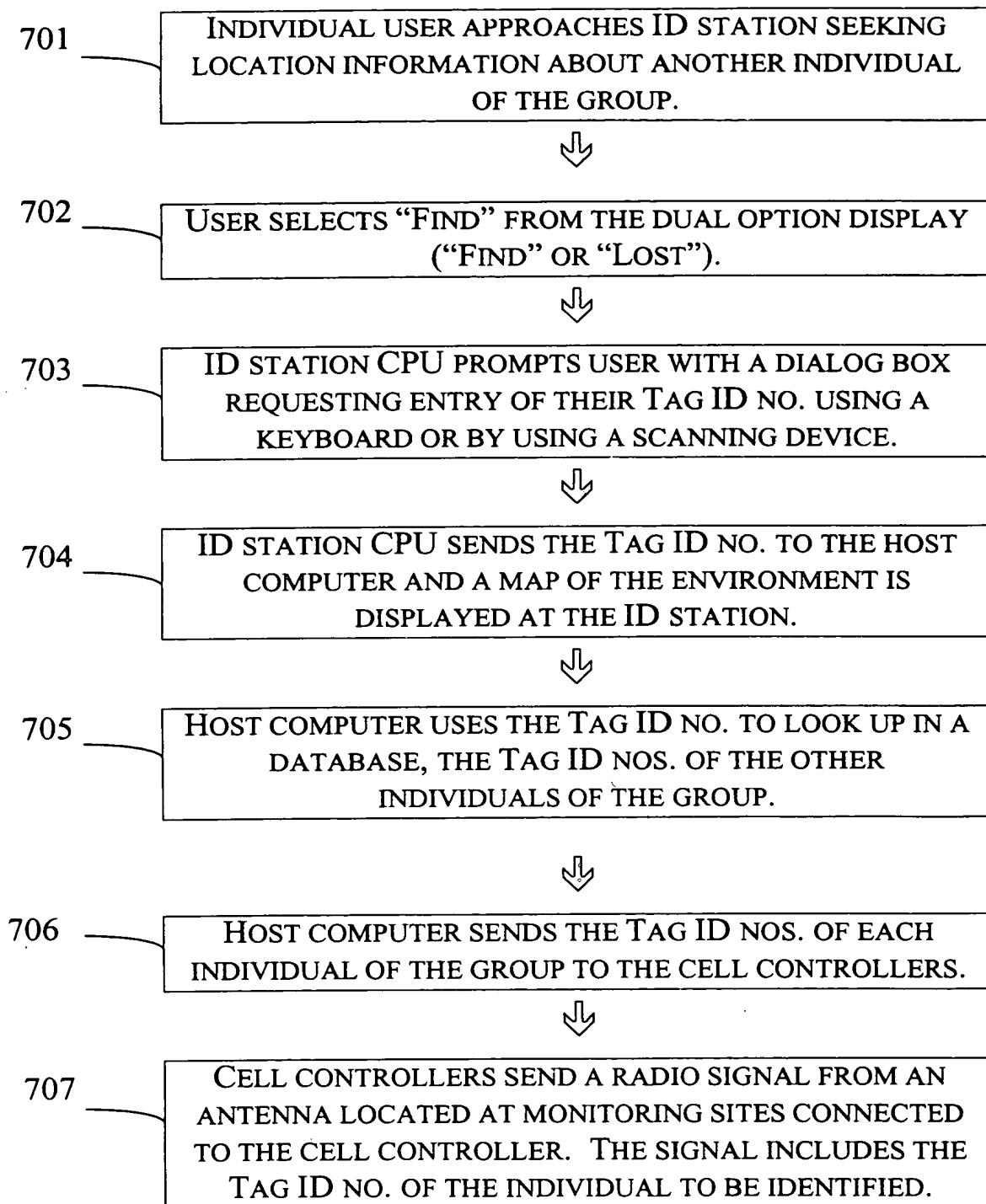


FIG. 7 (CONT)

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708

THE INDIVIDUAL WEARING THE TAG ID NO. OF THE RADIO SIGNAL RECEIVES THE SIGNAL AND THE TAG RESPONDS BY TRANSMITTING A RETURN SIGNAL CONTAINING THE TAG ID NO.



709

THE MONITORING SITES RECEIVE THE SIGNAL FROM THE TAG ID AND THEN SEND IT TO THE CELL CONTROLLER.



710

CELL CONTROLLERS CALCULATE TAG TO ANTENNA DISTANCE BASED ON THE TIME BETWEEN SENDING THE SIGNAL FROM THE MONITORING SITES AND RECEIVING THE RETURN SIGNAL FROM THE TAG ID AT THE MONITORING SITES.



711

CELL CONTROLLERS SEND TAG TO ANTENNA DISTANCE INFORMATION TO THE HOST COMPUTER WHICH USES THIS TO COMPUTE THE LOCATION OF THE INDIVIDUAL IN THE ENVIRONMENT.



712

HOST COMPUTER SENDS THE LOCATION INFORMATION TO THE REQUESTING ID STATION CPU FOR EACH INDIVIDUAL OF THE GROUP, THE IDENTITY OF WHICH IS DISPLAYED AS AN ICON WITH A PICTURE ON THE MAP AT THE ID STATION.

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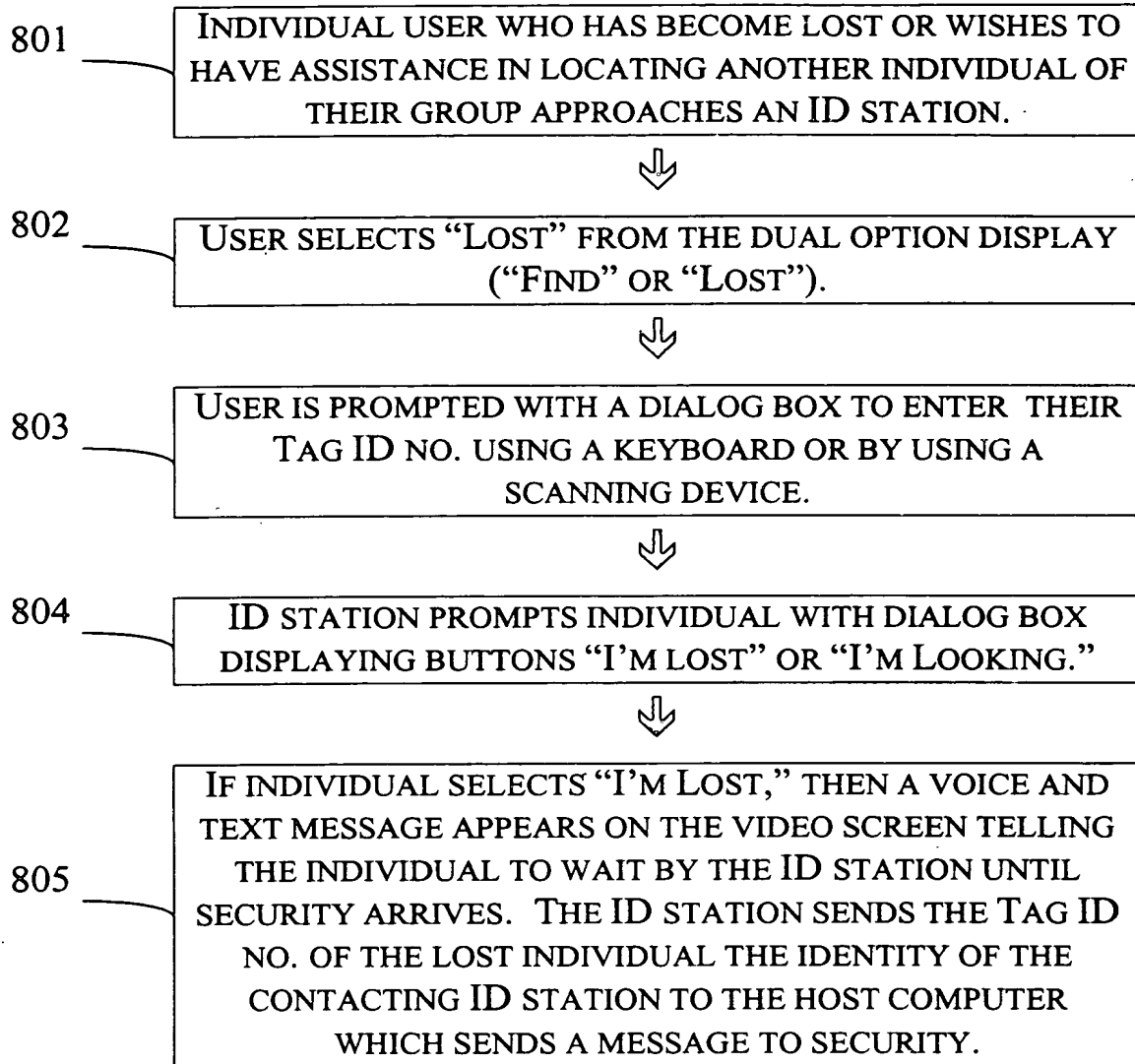


FIG. 8 (CONT)

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806

IF THE USER SELECTS "I'M LOOKING," THEN THE HOST COMPUTER USES THE SYSTEM TO DETERMINE THE IDENTITY OF ALL MEMBERS OF THE GROUP AND SENDS A MAP FOR DISPLAY AT THE ID STATION.



807

THE USER THEN SELECTS THE INDIVIDUAL THEY WISH TO MEET BY CLICKING OR TOUCHING THE ICON OF THE INDIVIDUAL ON THE MAP.



808

THE ID STATION RESPONDS WITH A VOICE AND TEXT MESSAGE INSTRUCTING THE USER THAT A SECURITY GUARD IS BEING DISPATCHED TO THE LOST PARTY AND THAT THE USER SHOULD WAIT AT THE ID STATION.

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FIG. 9A

safeZone RegiStation

# RegiStation®

910A

910

BUILD GROUP

FIND GROUP

TURN IN TAGS

REPLACE TAG

MOVE MEMBER

**BUILD A GROUP  
MODE**

920

**CURRENT GROUP MEMBERS**

GROUP #1 ? ☐

PERSON #1 ? ☐

930 940

**NEXT MEMBER**

MALE FEMALE

UNSPECIFIED

950

**SCAN A TAG  
TO ADD A  
NEW MEMBER  
TO THIS GROUP**

Not Supplied  
0 to 4 years  
5 to 10 years  
11 to 16 years  
17 to 20 years  
21 to 30 years  
31 to 40 years  
41 to 54 years  
over 55 years

**MORE**

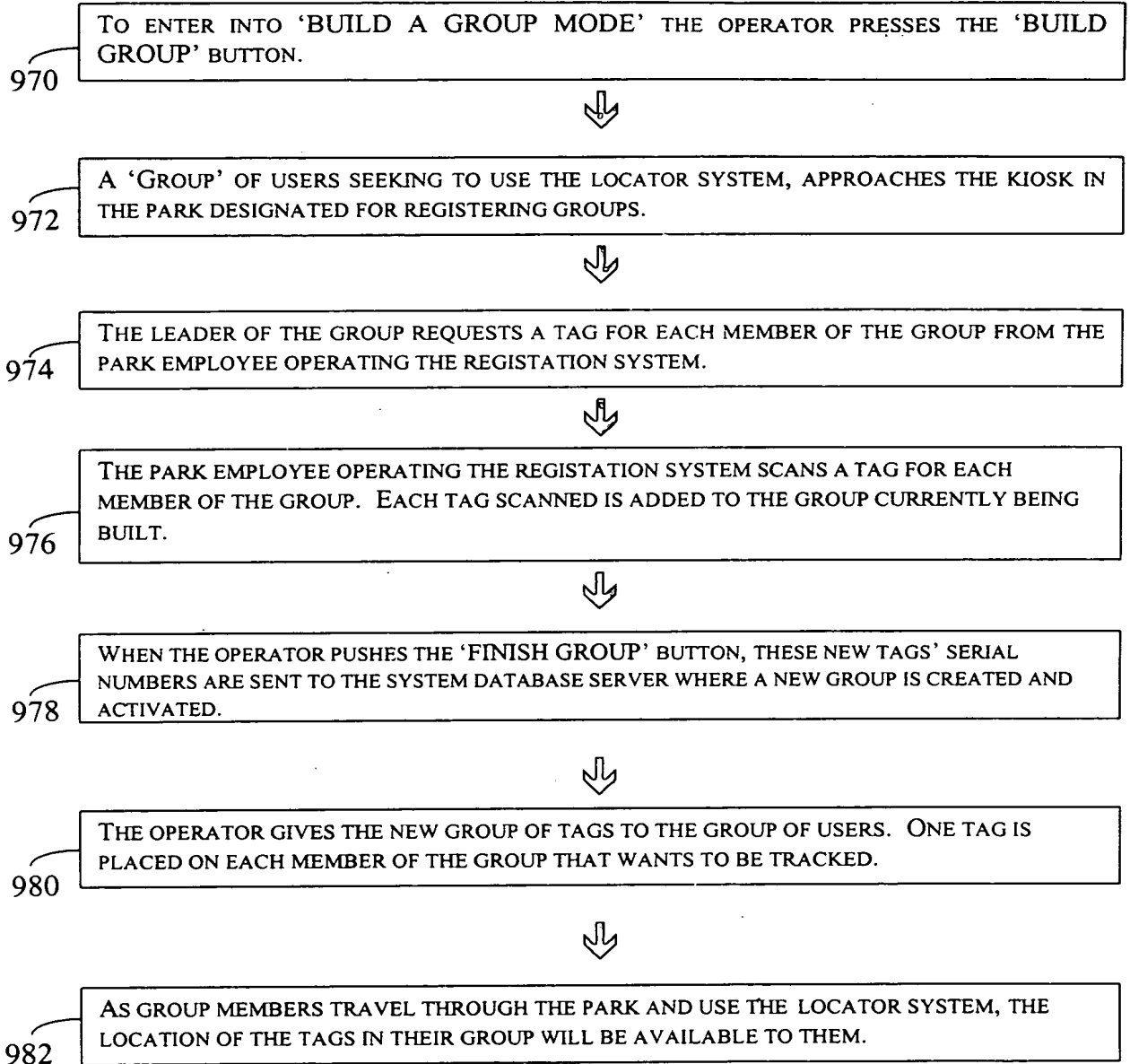
SUB GROUPS CANCEL GROUP

**FINISH  
GROUP**

900

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FIG. 9B



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FIG. 10A

safeTzone RegiStation

# RegiStation®

910B

BUILD GROUP

FIND GROUP

TURN IN TAGS

REPLACE TAG

MOVE MEMBER

910

**FIND A GROUP  
MODE**

920

**BEGINNING A NEW GROUP**

? ☐

**NO CURRENT MEMBERS** ☐ ☐

**NEXT MEMBER**

**MALE** **FEMALE**

**UNSPECIFIED**

**SCAN A TAG  
TO FIND AN  
EXISTING  
GROUP**

Not Supplied

0 to 4 years

5 to 10 years

11 to 16 years

17 to 20 years

21 to 30 years

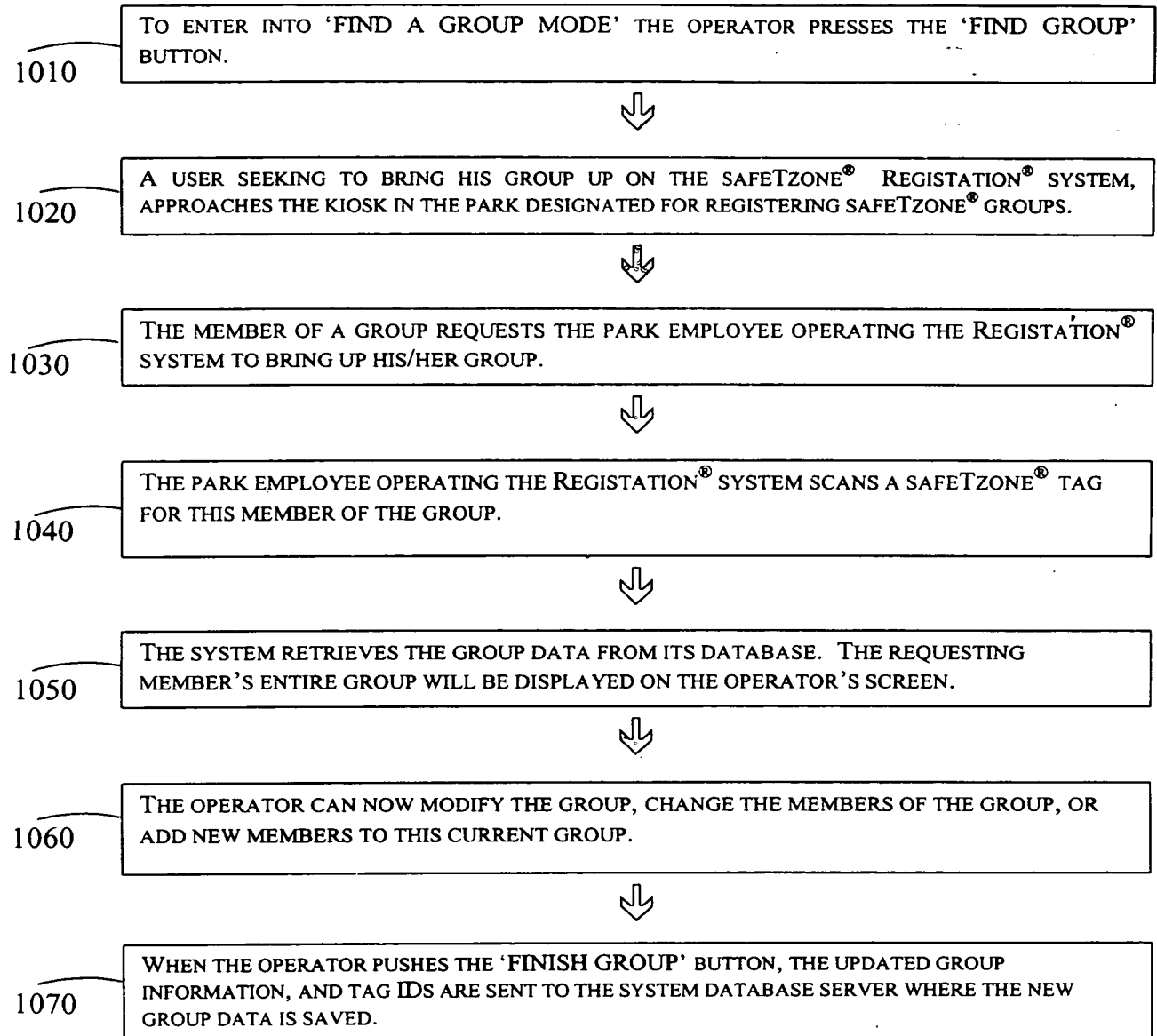
31 to 40 years

41 to 54 years

over 55 years

900

FIG. 10B



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FIG. 11B

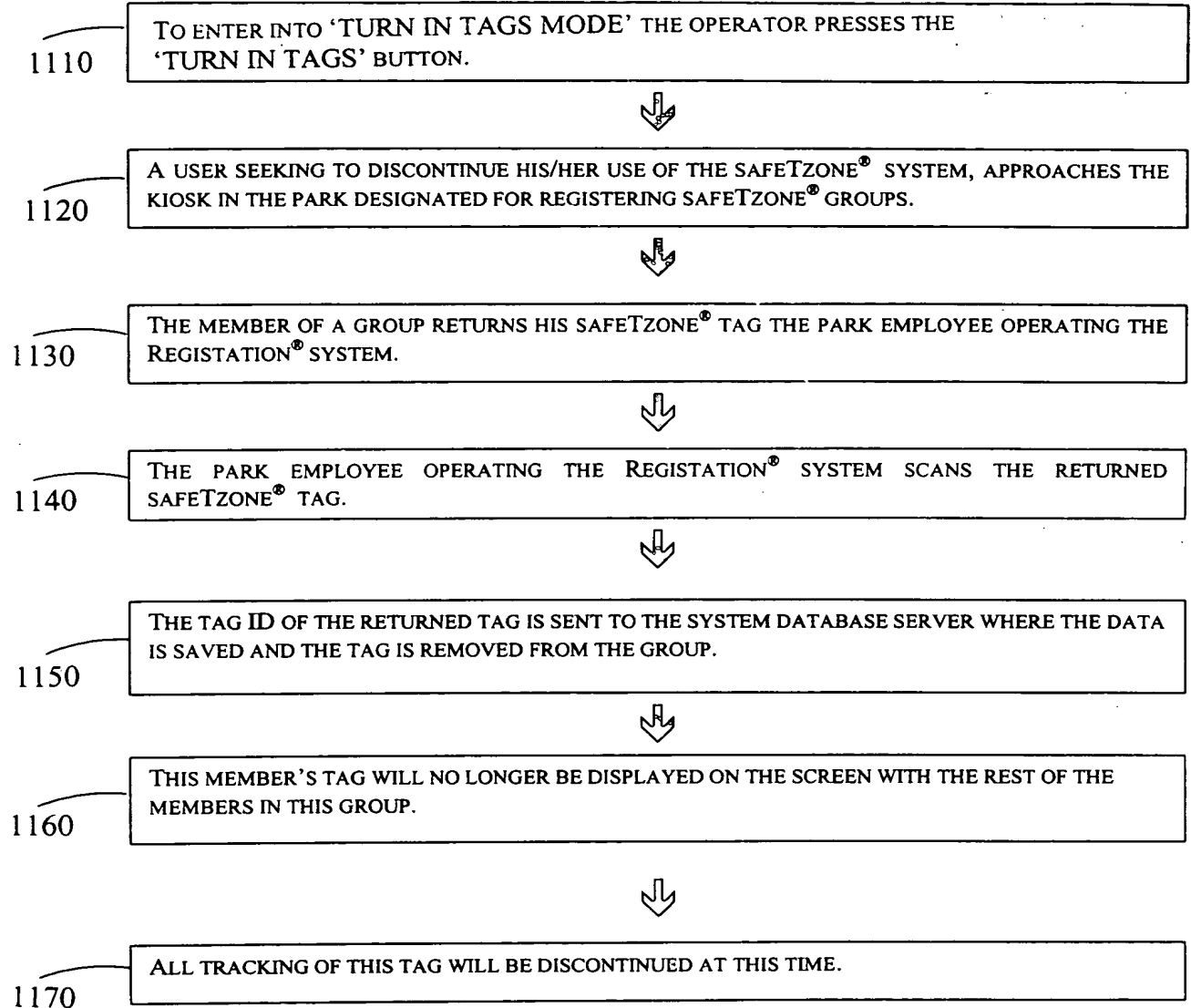


FIG. 11A

**RegiStation®**

**BEGINNING A NEW GROUP**

? ☐

**NO CURRENT MEMBERS** ☐ ☐

**TURN IN A TAG MODE**

**910C**

**910**

**BUILD GROUP**

**FIND GROUP**

**TURN IN TAGS**

**REPLACE TAG**

**MOVE MEMBER**

**NEXT MEMBER**

**MALE** **FEMALE**

**UNSPECIFIED**

**SCAN A TAG TO REMOVE IT FROM A GROUP**

**920**

Not Supplied
0 to 4 years
5 to 10 years
11 to 16 years
17 to 20 years
21 to 30 years
31 to 40 years
41 to 54 years
over 55 years

**900**

FIG 12A

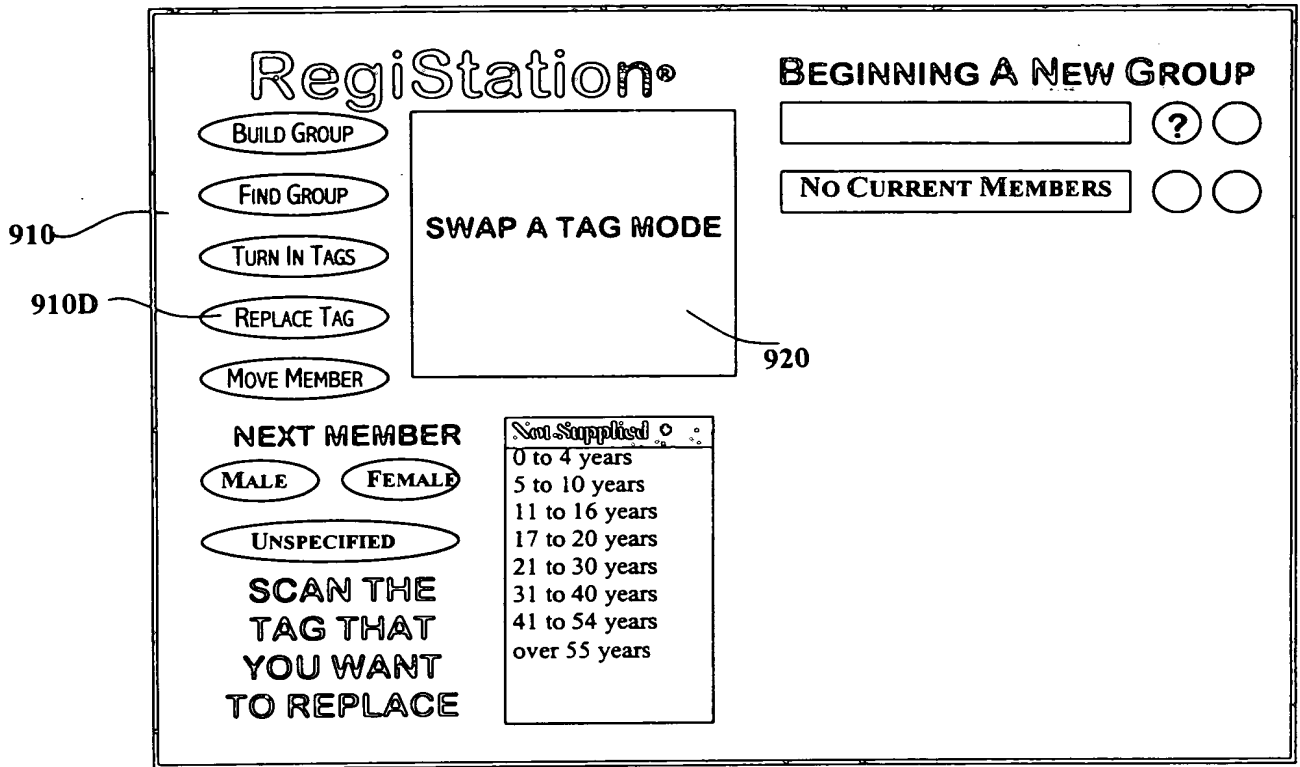


FIG. 12B

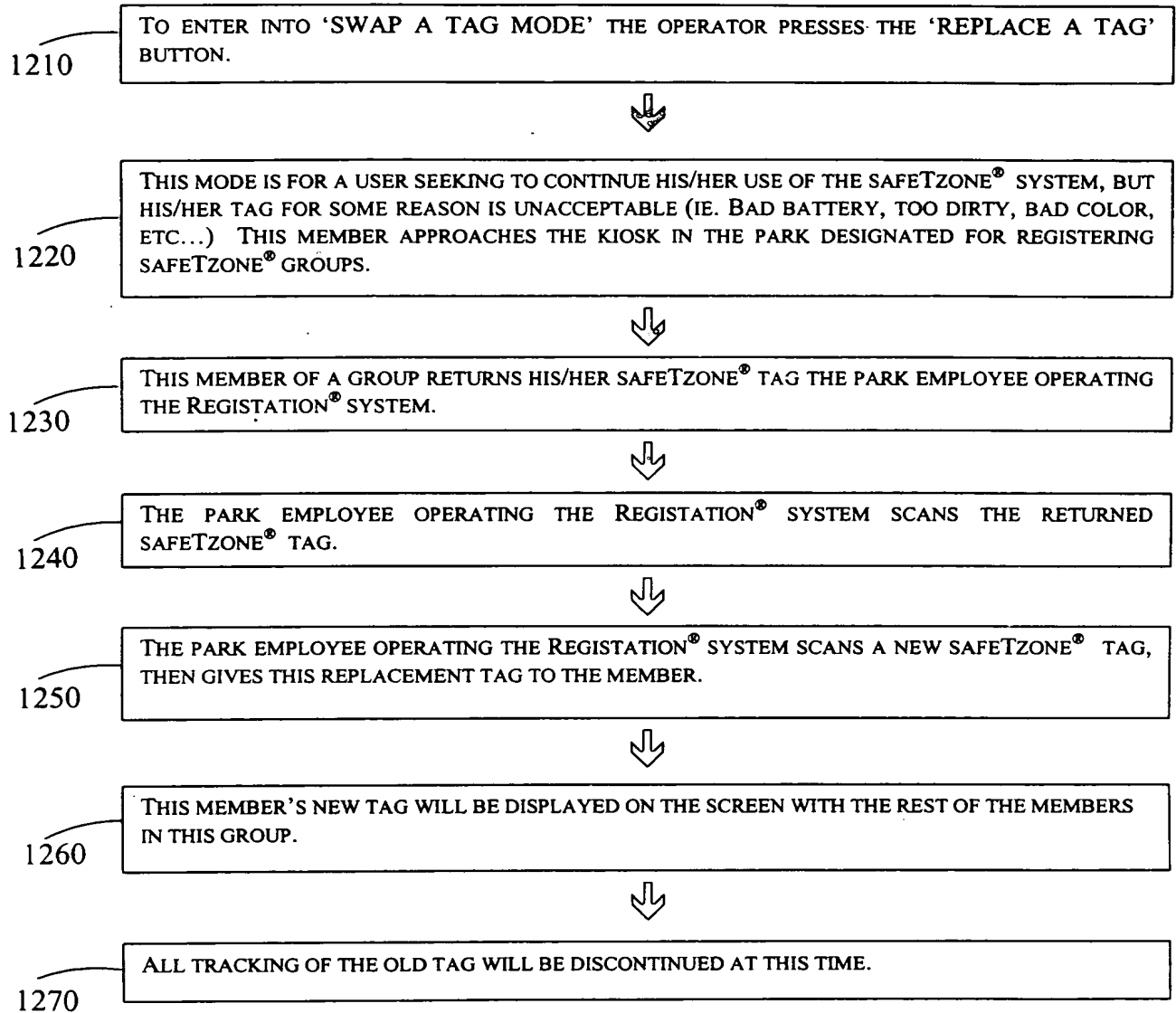


FIG. 13A

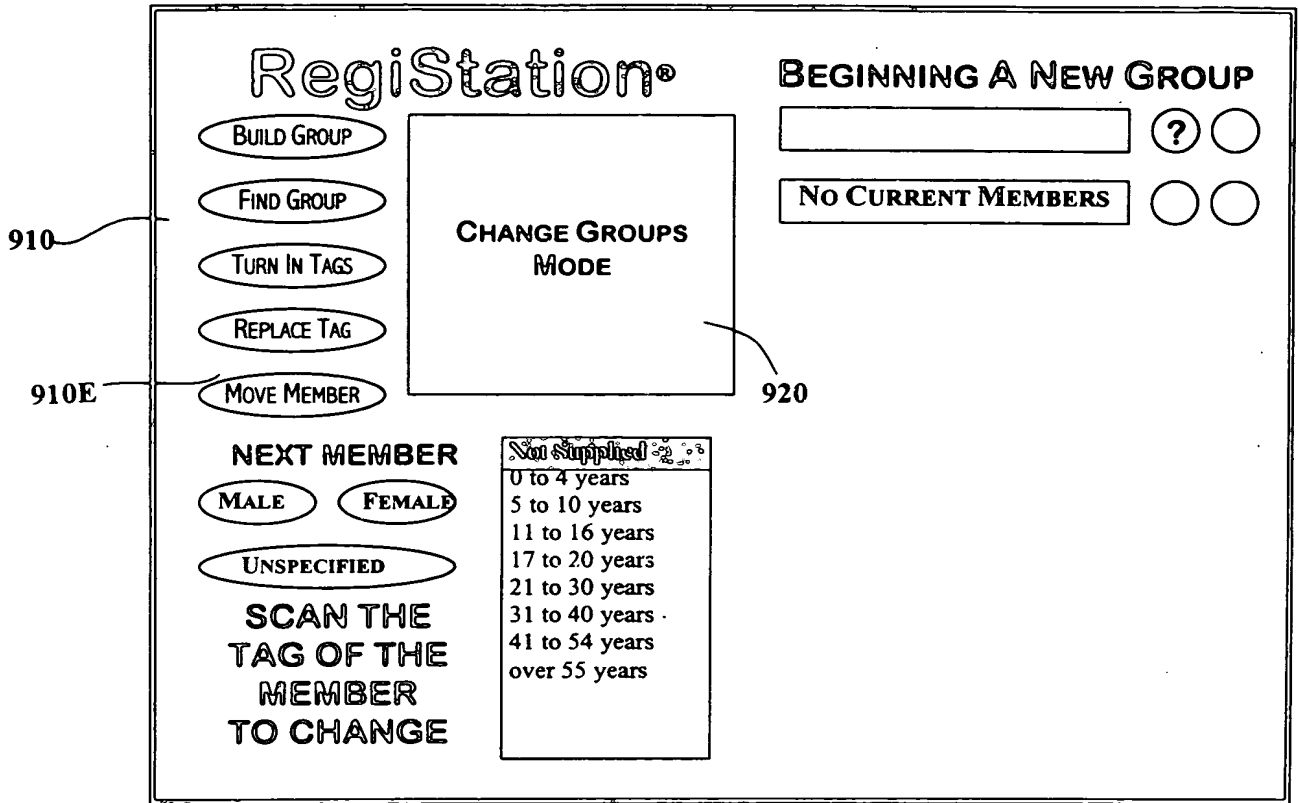


FIG. 13B

